

Intel Application No  
PCT/GB2004/003040

According to International Patent Classification (IPC) or to both national classification and IPC

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 GOIN E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 54 651 C (OFS ONLINE FLUID SENSORIC GMBH) 4 May 2000 (2000-05-04)  column 4, line 12 - column 5, line 12; figure 1	1-3, 11, 12, 15, 21-24
Y	US 6 004 442 A (CHOULGA ALEXANDRE ET AL) 21 December 1999 (1999-12-21) column 3, line 17 - line 36 column 5, line 14 - line 25 column 6, line 49 - line 52 column 8, line 48 - column 9, line 22 column 13, line 47 - column 14, line 14; figure 1	1-30

**X** Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search

20 October 2004

Date of mailing of the international search report

26/10/2004

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## INTERNATIONAL SEARCH REPORT

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/98630 A (SCHLUMBERGER CA LTD ; SCHLUMBERGER SERVICES PETROL (FR); JONES TIMOTHY) 27 December 2001 (2001-12-27) page 1, line 3 - line 35 page 3, line 5 - line 24 page 5, line 4 - line 19 page 6, line 19 - line 22; figure 1 -----	1-11, 15-24, 28-30
Y	DE 198 29 415 A (GLAESER MICHAEL ; STRIENITZ TESMAR (DE)) 13 January 2000 (2000-01-13) column 2, line 1 - line 37 column 3, line 61 - column 4, line 15; figure 1 -----	12-14, 25-27
A	GB 2 362 469 A (SCHLUMBERGER HOLDINGS) 21 November 2001 (2001-11-21) page 1, line 3 - line 7 page 1, line 32 - page 2, line 1 -----	1-30
A	US 6 200 444 B1 (CHOULGA ALEXANDRE ET AL) 13 March 2001 (2001-03-13) column 4, line 10 - line 16 column 10, line 23 - line 31 -----	1-30
A	TSIEN R Y: "NEW CALCIUM INDICATORS AND BUFFERS WITH HIGH SELECTIVITY AGAINST MAGNESIUM AND PROTONS: DESIGN, SYNTHESIS, AND PROPERTIES OF PROTOTYPE STRUCTURES" 27 May 1980 (1980-05-27), BIOCHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, PA, US, PAGE(S) 2396-2404 , XP002074821 ISSN: 0006-2960 page 2401, paragraph 1 -----	1,9,21

# INTERNATIONAL SEARCH REPORT

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19854651	C	04-05-2000	DE 19854651 C1	04-05-2000
			WO 0030750 A2	02-06-2000
			EP 1051258 A2	15-11-2000
US 6004442	A	21-12-1999	DE 4437274 A1	25-04-1996
			WO 9612176 A1	25-04-1996
			EP 0787290 A1	06-08-1997
			JP 10507521 T	21-07-1998
WO 0198630	A	27-12-2001	GB 2363809 A	09-01-2002
			AU 7421901 A	02-01-2002
			WO 0198630 A1	27-12-2001
			NO 20026041 A	19-12-2002
			US 2004045350 A1	11-03-2004
DE 19829415	A	13-01-2000	DE 19829415 A1	13-01-2000
GB 2362469	A	21-11-2001	CA 2344565 A1	18-11-2001
			US 2003206026 A1	06-11-2003
US 6200444	B1	13-03-2001	DE 19612680 A1	02-10-1997
			AU 2691497 A	22-10-1997
			WO 9737215 A1	09-10-1997
			DE 59707789 D1	29-08-2002
			EP 0890096 A1	13-01-1999
			JP 2000507696 T	20-06-2000